

**MEMORY DEVICE COMPOSED OF A PLURALITY OF  
MEMORY CHIPS IN A SINGLE PACKATE**

**Abstract of the Disclosure**

**[0025]** The memory device includes a plurality of memory chips of a certain capacity assembled in a single package and sharing input/output pins, the memories being selectable and singularly enabled one at the time by appropriate external commands coherently with the currently addressed memory location. The device uses only one external enable/disable logic command applied through a single dedicated pin. Each of the memory chips has a number of additional input/output pads equal to  $2^n$ , where  $2^n$  is the number of memory chips contained in the device, and a dedicated circuit that generates an internal enable/disable command, as a function of logic inputs corresponding to the logic states of the additional pads and the external enable/disable command.